

# Flexiform 402 SLX HFJ

Standard small, low loss, re-formable coax, LSZH sheath

-40°C/+80°C

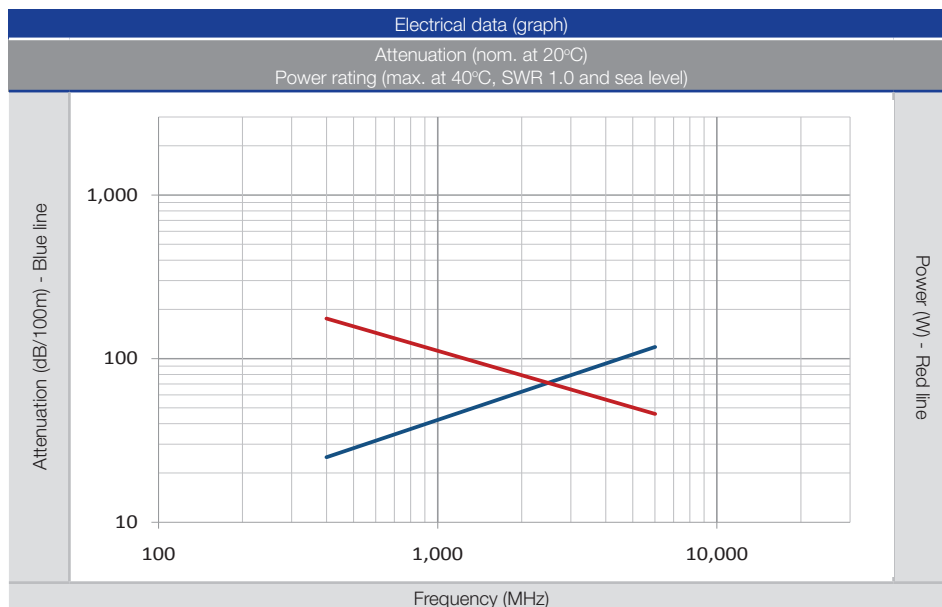
## Construction

|             |   |            |                       |                 |             |
|-------------|---|------------|-----------------------|-----------------|-------------|
| Conductor   | Silver Plated Copper (SPC)  | Dielectric | Profile-extruded PTFE | Frequency range | Up to 6 GHz |
| Screen      | Tin-soaked, Tin Plated Copper (T)   | Sheath     | HFS 80 T              | Vp              | 77.5%       |
| Colour code | Natural   |            |                       | Sheath          | Blue        |
| Marking     | Habia Cable - Type - Article Number - Year-Week - Batchcode<br>e.g.: Habia Cable - Flexiform 402 SLX HFJ - 700059184 - 2015-W14 - 152011001 |            |                       |                 |             |

| Description           | Construction       |             |              |            |            |            | Electrical |        |           | MBR | Article Number |
|-----------------------|--------------------|-------------|--------------|------------|------------|------------|------------|--------|-----------|-----|----------------|
|                       | conductor material | conductor Ø | dielectric Ø | shield/s Ø | sheath/s Ø | weight g/m | V AC rms   | imp. Ω | cap. pF/m |     |                |
| Flexiform 402 SLX HFJ | SPC                | 0.94        | 2,70         | 3.21       | 4.00       | 39         | 1,000      | 50     | 86        | 8   | 700059184      |

| Electrical data |                       |           |
|-----------------|-----------------------|-----------|
| Frequency (MHz) | Attenuation (dB/100m) | Power (W) |
| 400             | 25                    | 176       |
| 1,000           | 41                    | 111       |
| 2,000           | 60                    | 79        |
| 3,000           | 76                    | 65        |
| 4,000           | 88                    | 56        |
| 5,000           | 107                   | 50        |
| 6,000           | 118                   | 46        |
| 10,000          | -                     | -         |
| 18,000          | -                     | -         |

Attenuation data at 20°C  
Power data at 40°C



## Application

Habia Cable's most recent innovation in Flexiform has been the development of the small, low loss Flexiform. Similar to the Flexiform L, these cables use a profiled dielectric to provide the electrical performance of a larger coaxial within a smaller space envelope. A flame retardant, Low Smoke Zero Halogen (LSZH) sheath enables use in a wide variety of applications. A premium specification version (Flexiform SL HFJ) is also available.

- Flame retardant: IEC 60332-1-2
- Smoke generation: IEC 61034-2
- Screening efficiency: 110dB
- Variant designs available